Index of Claims

| App | licat | ion/ | Cont | rol No |
|-----|-------|------|------|--------|
|-----|-------|------|------|--------|

10/814,360

Examiner

Linda P. Field

Applicant(s)/Patent under Reexamination

CAVALLARO, PAUL V.

Art Unit

2855

| <b>√</b> | Rejected |  |
|----------|----------|--|
| 11       | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |          | Ĺ            | L            |  |  |                |  |              | L        |          |    |       |          |                |        |             |
|----------|----------|--------------|--------------|--|--|----------------|--|--------------|----------|----------|----|-------|----------|----------------|--------|-------------|
|          |          | r —          |              |  |  |                |  |              |          |          |    |       |          |                |        |             |
| Cla      | aim      | Date         |              |  |  |                |  |              |          | Claim    |    |       |          |                |        |             |
| Final    | Original |              |              |  |  |                |  |              |          |          |    | Final | Original |                |        |             |
|          |          | <u> </u>     | <u> </u>     |  | _  |                | _  |              |          |          |    |       |          |                |        |             |
| <b>├</b> | 1        | 1            | _            | _  | <u> </u>   |                |  | <u> </u>     |          | -        |    |       | 51       | -              |        | <u> </u>    |
| $\vdash$ | 3        | 1            | ┝            | -  | <u> </u>   |                |  | _            | _        | -        |    |       | 52<br>53 |                | _      |             |
|          | 4        | =            | ⊢            | ┝  | ├  | <del> </del> - |  | -            |          | _        |    |       | 54       | -              |        |             |
| ļ        | 5        | =            | -            |  | ┢  | <del> </del>   | <del> </del>                                     | <del> </del> | -        | -        |    |       | 55       | Н              |        | <del></del> |
|          | 6        | 1            | <del> </del> | <del>                                     </del> | ┝  | $\vdash$       |  | $\vdash$     |          | $\vdash$ |    |       | 56       |                | _      | _           |
|          | 7        | =            | $\vdash$     |  | <del>                                     </del> | $\vdash$       |  | _            | _        |          | i  |       | 57       |                |        | _           |
|          | 8        | 1            |              |  |  |                |  | $\vdash$     | $\vdash$ |          |    |       | 58       | П              | _      |             |
|          | 9        | 1            |              |  |  |                | _  |              |          |          | li |       | 59       |                |        |             |
|          | 10       | =            |              |  |  |                |  |              |          |          |    |       | 60       |                |        |             |
|          | 11       | =            |              |  |  |                |  |              |          |          |    |       | 61       |                |        |             |
|          | 12       | =            |              |  |  |                |  |              |          |          |    |       | 62<br>63 |                |        |             |
|          | 13       | Ξ            | L            | L  | L  | L_             | <u> </u>   |              | <u> </u> |          |    |       | 63       |                |        | L.          |
| <u> </u> | 14       | =            |              | <u> </u>   |  | ļ              | <u> </u>   | L            |          | <u>.</u> |    |       | 64       |                |        | _           |
| <u></u>  | 15       | =.           | ļ            | ļ  |  | ļ              | <u> </u>   | ļ            |          |          |    |       | 65       |                |        |             |
| <u> </u> | 16       | =            | _            | <u> </u>   | <u> </u>   | <u> </u>       | ├_   | _            | _        | <u> </u> |    |       | 66       | _              |        | _           |
| -        | 17       | =            |              | -  | <u> </u>   | $\vdash$       |  | <u> </u>     | _        | _        |    |       | 67<br>68 | Н              |        | -           |
| -        | 19       | =            | -            | -  | -  | ┝              |  | -            |          | _        | l  |       | 69       | Н              |        | _           |
|          | 20       | ┝ <u></u>    | ┝╌           | -  | _  | -              | <del> </del>                                     | -            |          |          |    |       | 70       |                |        |             |
| $\vdash$ | 21       | ┢            | -            | ┢  | ┢  | ┝              | ├  | ┢            | _        | ┝        |    |       | 71       |                | _      | $\vdash$    |
| _        | 22       | $\vdash$     |              |  |  | $\vdash$       | H  | $\vdash$     |          | Н        |    |       | 72       | П              | $\neg$ | _           |
|          | 23       | _            |              |  |  |                |  |              |          |          |    |       | 73       |                |        |             |
|          | 24       |              |              |  |  |                |  |              |          |          |    |       | 74       |                |        |             |
|          | 25       |              |              |  |  |                |  |              |          |          |    |       | 75       |                |        |             |
|          | 26       | _            |              |  |  |                |  |              |          |          |    |       | 76       |                |        |             |
|          | 27       | _            | <u> </u>     | <u> </u>   | $\vdash$   | <u> </u>       | <u> </u>   | <u> </u>     |          | _        |    |       | 77       | Ц              |        |             |
| <u> </u> | 28       | <u> </u>     |              | <u> </u>   | _  | <u> </u>       | ┡  | <u> </u>     |          | _        |    |       | 78       |                |        | _           |
|          | 29       | ├—           | -            | _  | -  | -              | _  | -            |          |          |    |       | 79<br>80 | -              |        | -           |
|          | 30<br>31 | ├            | ┝            | ⊢  | -  |                |  | -            |          | -        |    |       | 81       | Н              |        |             |
| -        | 32       | -            | ┝╌           | ⊢  | -  | Ь—             | -  | -            |          | -        | l  |       | 82       | Н              |        | -           |
|          | 33       | _            | $\vdash$     | -  | H  | -              | -  | -            |          |          |    |       | 83       | -              |        |             |
|          | 34       |              |              |  | _  | _              |  | _            |          | Г        | i  | -     | 84       |                |        |             |
|          | 35       |              | Г            | Г  | Г  |                |  | Г            | Г        | Г        |    |       | 85       |                |        |             |
|          | 36       |              |              |  |  |                |  |              |          |          |    |       | 86       |                |        |             |
|          | 37       |              |              |  |  |                |  |              |          |          |    |       | 87       |                |        |             |
| <u></u>  | 38       | <u> </u>     | _            | <u> </u>   | <u>L</u>   | <u> </u>       | <u> </u>   | <u> </u>     | L        | <u> </u> |    |       | 88       | Щ              |        | L           |
|          | 39       | <u> </u>     | <u> </u>     | L  | <u> </u>   | <u> </u>       | <u> </u>   | <u> </u>     | <u> </u> | <u> </u> |    |       | 89       | Щ              |        |             |
|          | 40       | <del> </del> | L            |  | -  | <u> </u>       |  | <u> </u>     | -        |          |    |       | 90       | Н              | _      | -           |
|          | 41       | $\vdash$     | <del> </del> | <del> </del>                                     |  | <u> </u>       | <u> </u>   | -            | -        | -        |    |       | 91<br>92 | $\vdash\vdash$ | _      |             |
|          | 43       | -            | ┢┈           | $\vdash$   |  | -              | ┢  | $\vdash$     | $\vdash$ | -        |    |       | 93       | Н              | -      | -           |
|          | 44       | ┢            | -            | -  | ╁  | ┢              | $\vdash$   | $\vdash$     | H        | -        |    |       | 94       | Н              | -      | -           |
|          | 45       | $\vdash$     | Т            | $\vdash$   | $\vdash$   | Н              | <del>                                     </del> | $\vdash$     |          | _        |    |       | 95       | Н              | _      | _           |
|          | 46       |              |              |  | Ľ  |                |  |              |          |          |    |       | 96       |                |        |             |
|          | 47       |              |              |  |  |                |  |              |          |          |    |       | 97       |                |        |             |
|          | 48       |              |              |  |  |                |  |              |          |          |    |       | 98       |                |        |             |
| <u></u>  | 49       | _            | _            | L  | ļ  | L              |  | L            | L        | L.       |    |       | 99       | Ш              |        | _           |
| L        | 50       | <u>L_</u>    |              | <u> </u>   | <u> </u>   | <u> </u>       | <u> </u>   | <u> </u>     | <u> </u> | L        |    |       | 100      |                |        | <u></u>     |

| Cla           | Date                                   |  |          |  |          |               |              |          |              |  |  |
|---------------|--|--|----------|--|----------|---------------|--------------|----------|--------------|--|--|
|               |  |  |          |  |          |               |              |          |              |  |  |
| ā             | na                                     |  |          |  |          |               |              |          |              |  |  |
| Final         | Original                               |  |          |  |          |               |              |          |              |  |  |
| -             | 0                                      |  |          |  |          |               |              |          |              |  |  |
|               | 51                                     |  |          | -  |          |               |              | _        |              | -  |  |
|               | 52                                     |  | -        |  | Н        |               | _            | _        | -            | -  |  |
|               | 51<br>52<br>53                         |  |          | $\vdash$   |          |               |              |          |              | ╌  |  |
|               | 54                                     |  |          |  |          |               | _            |          | _            | $\vdash$   |  |
|               | 54<br>55                               |  |          | $\vdash$   |          | _             | <u> </u>     | _        | _            | <del>                                     </del> |  |
|               | 56                                     |  | П        |  |          | _             | Г            |          |              | $\vdash$   |  |
|               | 57                                     |  |          | Г  |          |               |              |          |              | Т  |  |
|               | 57<br>58                               |  | _        |  | _        |               | $\vdash$     |          |              |  |  |
|               | 59                                     |  |          |  | _        |               | $\vdash$     |          |              | Н  |  |
|               | 60                                     |  |          | _  |          |               |              |          | -            |  |  |
|               | 61                                     |  |          | -  |          |               | Г            |          |              |  |  |
|               | 62                                     |  |          |  | Г        |               | $\vdash$     | Г        | Г            |  |  |
|               | 63                                     | <u> </u>   |          |  |          | $\vdash$      | $\vdash$     | Г        | Г            | Г  |  |
|               | 64                                     | Г  | Т        |  |          |               |              |          |              | Т  |  |
|               | 63<br>64<br>65                         |  |          |  |          |               | T            | l        |              | <u> </u>   |  |
|               | 66                                     |  |          |  |          |               | $\vdash$     | Г        |              |  |  |
|               | 67                                     | _  | _        |  |          | _             |              |          |              | _  |  |
|               | 68                                     |  |          |  |          | _             | $\vdash$     |          |              | _  |  |
|               | 68<br>69                               |  |          |  |          |               |              |          |              |  |  |
|               | 70                                     |  |          |  |          |               |              | Г        |              |  |  |
|               | 71                                     |  |          |  |          |               |              |          |              |  |  |
|               | 72                                     |  |          |  |          |               |              |          |              |  |  |
|               | 71<br>72<br>73<br>74<br>75<br>76<br>77 |  |          |  |          |               |              |          |              |  |  |
|               | 74                                     |  |          |  |          |               |              |          |              |  |  |
|               | 75                                     |  |          |  |          |               |              |          |              |  |  |
|               | 76                                     |  |          |  | <u> </u> |               |              | <u> </u> |              | L.   |  |
|               | 77                                     | L  |          |  | _        |               | L.           | <u> </u> |              |  |  |
|               | 78                                     | L  |          | L  |          |               | <u> </u>     | <u> </u> |              | _  |  |
|               | 79                                     | ļ !  |          | _  | _        |               |              | _        | _            |  |  |
| <u></u>       | 79<br>80<br>81                         | L  |          |  |          |               | L            | <u> </u> |              |  |  |
|               | 81                                     | -  |          |  | _        |               | <u> </u>     | <u> </u> |              | <u> </u>   |  |
| ļ             | 82<br>83                               |  |          | _  |          |               |              | <u> </u> | -            | _  |  |
| <u> </u>      | 83                                     | <b> </b>   | <b> </b> | <u> </u>   | $\vdash$ |               | $\vdash$     | <u> </u> | <u> </u>     | _  |  |
| <u> </u>      | 84<br>85                               | $\vdash$   | <u> </u> | _  |          | -             | $\vdash$     |          | <del> </del> |  |  |
|               | 05                                     | ├-   | <u> </u> | -  |          | -             | ├            |          | -            |  |  |
| $\vdash$      | 86<br>87                               | $\vdash$   | -        | $\vdash$   |          | -             | ├            | ├        | <del> </del> |  |  |
|               | 88                                     |  | -        |  | -        |               | ├            | $\vdash$ | <del> </del> | <del> </del>                                     |  |
| <b>-</b> -    | 89                                     | -  | $\vdash$ | $\vdash$   | $\vdash$ |               | $\vdash$     | $\vdash$ | $\vdash$     | -  |  |
| <u> </u>      | 90                                     | -  | Η-       | $\vdash$   | -        | H             | $\vdash$     | ⊢        | <del> </del> | _  |  |
| <b></b>       | 91                                     | -  | -        | -  |          | -             | -            | -        | <del> </del> | -  |  |
|               | 92                                     | $\vdash$   | $\vdash$ | <del> </del>                                     | $\vdash$ | $\vdash$      | $\vdash$     | $\vdash$ | ┢            | $\vdash$   |  |
|               | 93                                     | ┝  | -        | $\vdash$   |          |               | -            | -        | ├            | $\vdash$   |  |
| -             | 94                                     | <del>                                     </del> | Η        | $\vdash$   |          |               | <del> </del> | -        | $\vdash$     | -  |  |
| -             | 95                                     | ┢  |          | -  |          | $\vdash$      | $\vdash$     | Н        | Ι            | $\vdash$   |  |
| <b></b>       | 96                                     | <del>                                     </del> | $\vdash$ | <del>                                     </del> |          | Η.            | <b></b>      | <u> </u> | $\vdash$     | $\vdash$   |  |
|               | 97                                     | $\vdash$   | $\vdash$ | <del>                                     </del> | $\vdash$ |               | $\vdash$     | <u> </u> | $\vdash$     | $\vdash$   |  |
|               | 98                                     | Г  |          | $\vdash$   |          |               | <u> </u>     | _        | Г            | Т  |  |
|               | 99                                     |  |          | <u> </u>   |          |               |              |          |              |  |  |
| $\overline{}$ | <del>-</del>                           | -  |          | <del>-</del>                                     | -        | $\overline{}$ |              | _        | _            | _  |  |

| Cli         | Date  |          |              |          |          |          |  |            |          |                 |  |
|-------------|---|----------|--------------|----------|----------|----------|--|------------|----------|-----------------|--|
| Final       | Original  |          |              |          |          |          |  |            |          |                 |  |
|             |   |          |              |          |          | _        | _  | _          |          |                 |  |
|             | 101   |          | _            | _        | H        | -        |  | H          | $\vdash$ |                 |  |
|             | 102   | $\vdash$ |              | $\vdash$ |          | $\vdash$ | _  | $\vdash$   |          | -               |  |
|             | 104   | $\vdash$ | _            |          | $\vdash$ | $\vdash$ |  | $\vdash$   |          |                 |  |
|             | 105   |          |              |          |          |          |  |            |          |                 |  |
|             | 106   |          |              |          |          |          |  |            |          |                 |  |
|             | 102<br>103<br>104<br>105<br>106<br>107<br>108   |          |              |          |          |          |  |            |          |                 |  |
|             | 108   | _        |              | <u> </u> | _        | _        |  | <u> </u>   | _        | $\dashv$        |  |
|             | 109   | $\vdash$ |              | <u> </u> | -        | -        |  | $\vdash$   |          | -               |  |
|             | 111   | $\vdash$ |              | ├        | ┢        | $\vdash$ | <u> </u>   | -          | -        | -               |  |
|             | 112   | -        | _            | $\vdash$ | $\vdash$ | H        | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$        |  |
| <b></b>     | 113   | Т        |              | Γ        | $\vdash$ | Г        | <del>                                     </del> | П          | Г        | Н               |  |
|             | 114   |          |              |          |          |          |  |            |          |                 |  |
|             | 115   |          |              |          |          |          |  |            |          |                 |  |
|             | 116   | <u> </u> |              |          |          | <u> </u> | _  |            |          | Ц               |  |
| ļ           | 110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119                                    | <u> </u> |              | -        | _        | $\vdash$ | _  | $\vdash$   | L        | Ы               |  |
|             | 118   | <u> </u> |              |          |          | ┝        | <u> </u>   | -          |          | $\vdash$        |  |
|             | 120   | ┝        | -            | _        | -        | -        | -  |            | -        | Н               |  |
|             | 121   | -        |              |          |          | $\vdash$ | $\vdash$   |            |          | Н               |  |
|             | 122   |          |              |          |          | $\vdash$ |  |            |          | П               |  |
|             | 123   |          |              |          |          |          |  |            |          |                 |  |
|             | 124   |          |              |          |          |          |  |            |          |                 |  |
|             | 125   | _        |              |          | _        | <u> </u> |  | _          | _        | Н               |  |
| -           | 126   | <u> </u> |              |          | <u> </u> | <u> </u> | _  | H          | ┝        | Н               |  |
|             | 128   | ├─       | $\vdash$     | _        | _        | ┝        | <del> </del>                                     | $\vdash$   | $\vdash$ | Н               |  |
|             | 129   | -        | -            |          | ┢─       | ┢        | $\vdash$   | -          | -        | Н               |  |
|             | 130   | _        |              |          |          |          |  |            |          | П               |  |
|             | 131   |          |              |          |          |          |  |            |          |                 |  |
|             | 132   | <u> </u> | L.           |          |          | <u> </u> |  |            |          | Щ               |  |
|             | 133   | <u> </u> | <u> </u>     |          | <u> </u> | <u> </u> | <u> </u>   | _          | _        | Н               |  |
|             | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135 | _        | $\vdash$     | -        | $\vdash$ | $\vdash$ | -  |            | ┢┈       | Н               |  |
|             | 136   | $\vdash$ | -            |          | -        | $\vdash$ | ┢  |            | -        | Н               |  |
|             | 137   |          |              |          | H        | H        | H  |            |          | H               |  |
|             | 137<br>138<br>139   |          |              |          |          |          |  |            |          |                 |  |
|             | 139   |          |              |          |          |          |  |            |          |                 |  |
| ļ           | 140   | <u> </u> | <u> </u>     | _        | <u> </u> |          | L  | <u> </u>   | <u> </u> | Ш               |  |
|             | 141   | ├-       | <u> </u>     | $\vdash$ | <u> </u> | $\vdash$ | L  | ⊢          | ├-       | $\vdash$        |  |
|             | 142<br>143  | -        | <del> </del> | -        |          |          | -  | -          | -        | $\vdash$        |  |
| <del></del> | 144   | ├-       | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | -  | $\vdash$   | -        | $\vdash$        |  |
|             | 145   | $\vdash$ | $\vdash$     |          | Ι-       |          |  | T -        | Г        | $\vdash$        |  |
|             | 146   |          |              |          |          |          |  |            |          |                 |  |
|             | 147   |          |              |          |          |          |  |            |          |                 |  |
|             | 148   |          | <u> </u>     | <u> </u> |          | L        | <u> </u>   | L          | <u> </u> | Щ               |  |
|             | 149   | $\vdash$ | <u> </u>     | -        | $\vdash$ |          | <del> </del>                                     |            | -        | $\vdash \vdash$ |  |
|             | 150   | L        | L            | Ц_       | L        | L        |  | <u>L</u> . | L        | Ш               |  |